

Date: Fri, 25 Feb 94 12:30:19 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #207
To: Info-Hams

Info-Hams Digest Fri, 25 Feb 94 Volume 94 : Issue 207

Today's Topics:

 Dumming down of A.Radio
 Electric Fence RFI
 Getting Coax Seal OFF?
Offer Extended: QRZ! Ham Radio CDRom: \$15.95
 ORBS\$056.2L.AMSAT
 ORBS\$056.MICRO.AMSAT
 ORBS\$056.MISC.AMSAT
 ORBS\$056.OSCAR.AMSAT
 ORBS\$056.WEATH.AMSAT
 TR-9000
 Travelling to Egypt

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 25 Feb 1994 09:35:40 GMT
From: news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!cs.utexas.edu!
sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!hplb!hpwin052!hpgmoea!
dstock@network.ucsd.edu
Subject: Dumming down of A.Radio
To: info-hams@ucsd.edu

Bill Coleman (bcoleman@hayes.com) wrote:

: Well, if you are going to critique the writing of others, it is best to get
 ^^^^^^^^

: your own house in order. Don't make those typos. Be more careful.

There must be one of the variants of Murphy's law at work here, or else a dry sense of humour.

"Critique" is a French NOUN. The verb form is "faire la critique de..." (literally "make the criticism of...."). The English verb is "Criticise".

Correcting other people's grammar, spelling or punctuation is a high-risk occupation. Someone will doubtlessly find errors in my posting, but should they dare post, Murphy will get them too.

: I see lose as loose all the time. Really burns me up.

Moi aussi

: > You would have though that this idiot, who was so intent on drawing
: > attention to construction, grammar, and punctuation errors would have
: > gone to the trouble to check his own!

: Likewise.

What have I let myself in for ?

David GM4ZNX

Date: Tue, 22 Feb 1994 14:20:31 GMT
From: hearst.acc.Virginia.EDU!murdoch!faraday.clas.Virginia.EDU!clh6w@uunet.uu.net
Subject: Electric Fence RFI
To: info-hams@ucsd.edu

I've got some bad interference on 80 through 10 meter bands from an electric fence about 500 feet away. The effect is very sharp clicks about 3-4 per second. Analog noise blanker works some but not 100%.

Anyone have any cures?

Tnx,
Ned Hamilton, AB6FI

Date: Fri, 25 Feb 1994 00:42:14 GMT
From: netcomsv!netcomsv!bongo!julian@decwrl.dec.com
Subject: Getting Coax Seal OFF?
To: info-hams@ucsd.edu

In article <ericr.762116748@access3> ericr@access3.digex.net (Eric Rosenberg) writes:

>

>Can anyone suggest a decent method for taking Coax Seal *off* of a
>connector? It's a mess, and I'm not sure how to do it.

Use Kerosine (jet fuel or parrafin[UK]), paint thinner
(Turpentine substitute) and a rag. It is messy, but it will work.

When using co-ax seal or other goopy sealers, it pays to wrap
the connectors with PVC tape first, then apply the goop. Then when you
remove the goop, you take off the tape and everything is clean.

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (310) 659-3366
Paper Mail: Apt 225, 975 Hancock Ave, West Hollywood, California 90069-4074

Date: Thu, 24 Feb 1994 19:46:00 GMT
From: ditdah!mjohnsto@uunet.uu.net
Subject: Offer Extended: QRZ! Ham Radio CDRom: \$15.95
To: info-hams@ucsd.edu

Thanks to all who responded to our last posting several weeks ago, we've
decided to extend our offer on the QRZ! Ham Radio CDRom. If you missed it,
here you go again:

Morse Telecommunications is pleased to offer Walnut Creek CDRom's *new*
QRZ! Ham Radio CDRom for only *\$15.95*. This CD normally lists at \$29.95
and includes:

- * The entire US and Canadian Amateur Radio Callbooks
- * Dos/Windows/Unix software to view the callbook
- * Hundreds of PC compatible Ham programs
- * Radio mods (Hypertext under Windows)

- * TCP/IP Software, Packet Radio BBS software, Contest logging
- * FCC part 97 rules and regulations, Amateur Radio Exam Question Pools
- * USENET Ham Radio archives, ARRL Bulletins
- * Soundblaster compatible .wav files for TNC testing

ORDERING

You can place an order by calling or emailing us. We accept Visa/Mastercard American Express. Orders are generally shipped the same day if received by 4PM EST.

You can call us at (800) 706-4046. International customers, please call us at (516) 887-4046. You can also email your orders to us for processing. The address is order@morse.net. Please be sure to indicate the item you wish, your name and shipping address, and credit card information. Be sure not to forget the expiration date. (Lots of folks do, and this delays the order because we can't process without it.)

--
 Michael R. Johnston
mjohnsto@Morse.Net
 Morse Telecommunications

 Date: 25 Feb 94 13:47:00 GMT
 From: news-mail-gateway@ucsd.edu
 Subject: ORBS\$056.2L.AMSAT
 To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-056.N
 2Line Orbital Elements 056.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
 FROM WA5QGD FORT WORTH,TX February 25, 1994
 BID: \$ORBS-056.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:
 1 AAAAAU 00 0 0 BBBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ
 2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ
 KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
 G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10

1 14129U 83058 B 94051.71420822 .00000395 00000-0 99999-4 0 2625
2 14129 027.2097 340.7072 6035253 156.2883 250.5966 02.05880368 80388

UO-11

1 14781U 84021B 94044.54889300 .00000363 00000-0 69607-4 0 6647
2 14781 97.7907 65.0254 0011279 310.7761 49.2455 14.69144313532150

RS-10/11

1 18129U 87054 A 94054.03951801 .00000025 00000-0 27607-4 0 8705
2 18129 082.9206 053.2129 0011765 346.0336 014.1062 13.72331508334251

AO-13

1 19216U 88051 B 94048.56858325 -.00002077 00000-0 00000 0 0 8803
2 19216 057.8103 267.6554 7205099 335.0990 002.8997 02.09722235 43500

FO-20

1 20480U 90013C 94046.42832899 -.00000014 00000-0 49346-4 0 6594
2 20480 99.0216 221.3367 0539917 255.4010 98.6634 12.83223845188515

AO-21

1 21087U 91006 A 94053.96716387 .00000046 00000-0 48472-4 0 4323
2 21087 082.9410 227.2228 0036055 043.1176 317.3312 13.74533568153891

RS-12/13

1 21089U 91007A 94044.66379265 .00000043 00000-0 29527-4 0 6625
2 21089 82.9220 103.0678 0030946 91.8517 268.6203 13.74034946151682

ARSENE

1 22654U 93031B 93338.80803910 -.00000087 00000-0 00000 0 0 2437
2 22654 1.4104 113.5274 2936576 161.9838 210.8642 1.42202044 2990

UO-14

1 20437U 90005B 94046.18347456 .00000060 00000-0 40471-4 0 9649
2 20437 98.5953 132.5942 0010599 186.2827 173.8225 14.29823413212157

AO-16

1 20439U 90005D 94045.75388848 .00000076 00000-0 46533-4 0 7643
2 20439 98.6038 133.2765 0010934 188.0238 172.0765 14.29879034212109

DO-17

1 20440U 90005E 94045.23034447 .00000070 00000-0 44132-4 0 7637
2 20440 98.6058 133.0443 0010965 189.4352 170.6623 14.30017107212047

WO-18

1 20441U 90005F 94045.76328214 .00000059 00000-0 39826-4 0 7657
2 20441 98.6054 133.5798 0011505 188.3662 171.7330 14.29993172212124

LO-19

1 20442U 90005G 94045.74960276 .00000064 00000-0 41740-4 0 7638
2 20442 98.6048 133.7927 0011921 187.6862 172.4137 14.30087334212130

UO-22

1 21575U 91050B 94046.13690949 .00000113 00000-0 52716-4 0 4657
2 21575 98.4466 123.0432 0007219 301.1937 58.8542 14.36890610135556

KO-23

1 22077U 92052B 94046.40390865 -.00000037 00000-0 10000-3 0 3601
2 22077 66.0810 174.9628 0009874 317.5713 42.4539 12.86284764 71129

AO-27

1 22825U 93061C 94046.21545311 .00000058 00000-0 41460-4 0 2617

2 22825 98.6626 123.1936 0008062 202.2052 157.8775 14.27607193 20284
 IO-26
 1 22826U 93061D 94042.21058899 .00000053 00000-0 39268-4 0 2612
 2 22826 98.6649 119.2441 0008529 216.1988 143.8612 14.27708814 19710
 KO-25
 1 22830U 93061H 94045.75293537 .00000053 00000-0 38624-4 0 2647
 2 22830 98.5674 121.3071 0011406 172.0390 188.0975 14.28033386 20227
 NOAA-9
 1 15427U 84123 A 94054.00302709 .00000096 00000-0 50913-4 0 7232
 2 15427 099.0635 103.0735 0015048 181.2398 178.9245 14.13590789474213
 NOAA-10
 1 16969U 86073 A 94054.04773810 .00000220 00000-0 94334-4 0 6210
 2 16969 098.5080 066.5227 0013117 304.7185 055.3324 14.24867071386359
 MET-2/17
 1 18820U 88005A 94046.33979358 .00000030 00000-0 12997-4 0 2628
 2 18820 82.5401 5.5070 0016642 157.5160 202.6730 13.84706663305497
 MET-3/2
 1 19336U 88064A 94039.99790931 .00000051 00000-0 10000-3 0 2623
 2 19336 82.5380 54.3969 0015730 222.0779 137.9138 13.16964807266383
 NOAA-11
 1 19531U 88089 A 94053.99344407 .00000310 00000-0 16669-3 0 5286
 2 19531 099.1598 040.1607 0012083 093.0795 267.2327 14.12962203279093
 MET-2/18
 1 19851U 89018 A 94053.01405594 -.00000008 00000-0 00000 0 0 2631
 2 19851 082.5171 235.7306 0014002 188.3029 171.8434 13.84356715251755
 MET-3/3
 1 20305U 89086 A 94052.02689974 .00000000 00000-0 99999-4 0 9894
 2 20305 082.5516 350.2887 0006980 212.2401 147.8826 13.04401818207754
 MET-2/19
 1 20670U 90057A 94040.79306496 .00000024 00000-0 79036-5 0 7621
 2 20670 82.5504 309.6649 0016176 139.0978 221.1403 13.84188455182995
 FY-1/2
 1 20788U 90081 A 94054.01861085 .00000000 00000-0 00000 0 0 9005
 2 20788 098.8401 077.7921 0014098 329.5916 030.4941 14.01320674177719
 MET-2/20
 1 20826U 90086 A 94054.04864341 .00000069 00000-0 63290-4 0 7709
 2 20826 082.5221 236.7821 0013725 010.4814 349.7177 13.83573158171972
 MET-3/4
 1 21232U 91030A 94044.59202931 .00000051 00000-0 10000-3 0 6701
 2 21232 82.5391 256.9674 0013673 130.9218 229.3059 13.16460015135098
 NOAA-12
 1 21263U 91032 A 94054.09638815 .00000195 00000-0 87715-4 0 9336
 2 21263 098.6271 084.3280 0012752 206.9837 153.1243 14.22371048144310
 MET-3/5
 1 21655U 91056 A 94053.93518236 -.00000448 00000-0 99999-4 0 6755
 2 21655 082.5545 197.4162 0014020 122.7542 237.5449 13.16822729121425
 MET-2/21
 1 22782U 93055 A 94054.05930183 .00000038 00000-0 34746-4 0 2705

2 22782 082.5499 296.8811 0022218 184.0206 176.1276 13.83000854024313
 POSAT
 1 22829U 93061G 94045.75585944 .00000072 00000-0 46760-4 0 2541
 2 22829 98.6608 122.7699 0009759 191.0097 169.0872 14.28003980 20229
 MIR
 1 16609U 86017 A 94054.03980340 .00022745 00000-0 27089-3 0 1466
 2 16609 051.6181 038.8441 0004691 353.6232 006.5389 15.60416322458242
 HUBBLE
 1 20580U 90037 B 94053.98888941 .00001784 00000-0 17844-3 0 4453
 2 20580 028.4687 249.4717 0005902 337.3920 022.6910 14.90490673012331
 GRO
 1 21225U 91027B 94045.19676059 .00004645 00000-0 10629-3 0 661
 2 21225 28.4619 5.5021 0003857 262.4247 97.5914 15.40075712 37958
 UARS
 1 21701U 91063 B 94050.07315151 .00003162 00000-0 27654-3 0 4793
 2 21701 056.9834 272.3681 0002165 100.1172 260.0857 14.96377326133253
 /EX

 Date: 25 Feb 94 13:38:00 GMT
 From: news-mail-gateway@ucsd.edu
 Subject: ORBS\$056.MICRO.AMSAT
 To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-056.D
 Orbital Elements 056.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS
 FROM WA5QGD FORT WORTH, TX February 25, 1994
 BID: \$ORBS-056.D
 TO ALL RADIO AMATEURS BT

Satellite: UO-14
 Catalog number: 20437
 Epoch time: 94046.18347456
 Element set: 964
 Inclination: 98.5953 deg
 RA of node: 132.5942 deg
 Eccentricity: 0.0010599
 Arg of perigee: 186.2827 deg
 Mean anomaly: 173.8225 deg
 Mean motion: 14.29823413 rev/day
 Decay rate: 6.0e-07 rev/day^2
 Epoch rev: 21215
 Checksum: 317

Satellite: AO-16

Catalog number: 20439
Epoch time: 94045.75388848
Element set: 764
Inclination: 98.6038 deg
RA of node: 133.2765 deg
Eccentricity: 0.0010934
Arg of perigee: 188.0238 deg
Mean anomaly: 172.0765 deg
Mean motion: 14.29879034 rev/day
Decay rate: 7.6e-07 rev/day^2
Epoch rev: 21210
Checksum: 328

Satellite: D0-17

Catalog number: 20440
Epoch time: 94045.23034447
Element set: 763
Inclination: 98.6058 deg
RA of node: 133.0443 deg
Eccentricity: 0.0010965
Arg of perigee: 189.4352 deg
Mean anomaly: 170.6623 deg
Mean motion: 14.30017107 rev/day
Decay rate: 7.0e-07 rev/day^2
Epoch rev: 21204
Checksum: 266

Satellite: W0-18

Catalog number: 20441
Epoch time: 94045.76328214
Element set: 765
Inclination: 98.6054 deg
RA of node: 133.5798 deg
Eccentricity: 0.0011505
Arg of perigee: 188.3662 deg
Mean anomaly: 171.7330 deg
Mean motion: 14.29993172 rev/day
Decay rate: 5.9e-07 rev/day^2
Epoch rev: 21212
Checksum: 309

Satellite: L0-19

Catalog number: 20442
Epoch time: 94045.74960276
Element set: 763
Inclination: 98.6048 deg
RA of node: 133.7927 deg
Eccentricity: 0.0011921

Arg of perigee: 187.6862 deg
Mean anomaly: 172.4137 deg
Mean motion: 14.30087334 rev/day
Decay rate: 6.4e-07 rev/day^2
Epoch rev: 21213
Checksum: 308

Satellite: U0-22

Catalog number: 21575
Epoch time: 94046.13690949
Element set: 465
Inclination: 98.4466 deg
RA of node: 123.0432 deg
Eccentricity: 0.0007219
Arg of perigee: 301.1937 deg
Mean anomaly: 58.8542 deg
Mean motion: 14.36890610 rev/day
Decay rate: 1.13e-06 rev/day^2
Epoch rev: 13555
Checksum: 302

Satellite: K0-23

Catalog number: 22077
Epoch time: 94046.40390865
Element set: 360
Inclination: 66.0810 deg
RA of node: 174.9628 deg
Eccentricity: 0.0009874
Arg of perigee: 317.5713 deg
Mean anomaly: 42.4539 deg
Mean motion: 12.86284764 rev/day
Decay rate: -3.7e-07 rev/day^2
Epoch rev: 7112
Checksum: 311

Satellite: A0-27

Catalog number: 22825
Epoch time: 94046.21545311
Element set: 261
Inclination: 98.6626 deg
RA of node: 123.1936 deg
Eccentricity: 0.0008062
Arg of perigee: 202.2052 deg
Mean anomaly: 157.8775 deg
Mean motion: 14.27607193 rev/day
Decay rate: 5.8e-07 rev/day^2
Epoch rev: 2028
Checksum: 289

Satellite: IO-26
Catalog number: 22826
Epoch time: 94042.21058899
Element set: 261
Inclination: 98.6649 deg
RA of node: 119.2441 deg
Eccentricity: 0.0008529
Arg of perigee: 216.1988 deg
Mean anomaly: 143.8612 deg
Mean motion: 14.27708814 rev/day
Decay rate: 5.3e-07 rev/day^2
Epoch rev: 1971
Checksum: 325

Satellite: KO-25
Catalog number: 22830
Epoch time: 94045.75293537
Element set: 264
Inclination: 98.5674 deg
RA of node: 121.3071 deg
Eccentricity: 0.0011406
Arg of perigee: 172.0390 deg
Mean anomaly: 188.0975 deg
Mean motion: 14.28033386 rev/day
Decay rate: 5.3e-07 rev/day^2
Epoch rev: 2022
Checksum: 286

/EX

Date: 25 Feb 94 13:44:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$056.MISC.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-056.M
Orbital Elements 056.MISC

HR AMSAT ORBITAL ELEMENTS FOR MANNED AND MISCELLANEOUS SATELLITES
FROM WA5QGD FORT WORTH, TX February 25, 1994
BID: \$ORBS-056.M
TO ALL RADIO AMATEURS BT

Satellite: POSAT
Catalog number: 22829

Epoch time: 94045.75585944
Element set: 254
Inclination: 98.6608 deg
RA of node: 122.7699 deg
Eccentricity: 0.0009759
Arg of perigee: 191.0097 deg
Mean anomaly: 169.0872 deg
Mean motion: 14.28003980 rev/day
Decay rate: 7.2e-07 rev/day^2
Epoch rev: 2022
Checksum: 326

Satellite: MIR

Catalog number: 16609
Epoch time: 94054.03980340
Element set: 146
Inclination: 051.6181 deg
RA of node: 038.8441 deg
Eccentricity: 0.0004691
Arg of perigee: 353.6232 deg
Mean anomaly: 006.5389 deg
Mean motion: 15.60416322 rev/day
Decay rate: 2.2745e-04 rev/day^2
Epoch rev: 45824
Checksum: 287

Satellite: HUBBLE

Catalog number: 20580
Epoch time: 94053.98888941
Element set: 445
Inclination: 028.4687 deg
RA of node: 249.4717 deg
Eccentricity: 0.0005902
Arg of perigee: 337.3920 deg
Mean anomaly: 022.6910 deg
Mean motion: 14.90490673 rev/day
Decay rate: 1.784e-05 rev/day^2
Epoch rev: 01233
Checksum: 316

Satellite: GRO

Catalog number: 21225
Epoch time: 94045.19676059
Element set: 66
Inclination: 28.4619 deg
RA of node: 5.5021 deg
Eccentricity: 0.0003857
Arg of perigee: 262.4247 deg

Mean anomaly: 97.5914 deg
Mean motion: 15.40075712 rev/day
Decay rate: 4.645e-05 rev/day^2
Epoch rev: 3795
Checksum: 300

Satellite: UARS
Catalog number: 21701
Epoch time: 94050.07315151
Element set: 479
Inclination: 056.9834 deg
RA of node: 272.3681 deg
Eccentricity: 0.0002165
Arg of perigee: 100.1172 deg
Mean anomaly: 260.0857 deg
Mean motion: 14.96377326 rev/day
Decay rate: 3.162e-05 rev/day^2
Epoch rev: 13325
Checksum: 272

/EX

Date: 25 Feb 94 13:36:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$056.OSCAR.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-056.0
Orbital Elements 056.OSCAR

HR AMSAT ORBITAL ELEMENTS FOR OSCAR SATELLITES
FROM WA5QGD FORT WORTH,TX February 25, 1994
BID: \$ORBS-056.0
TO ALL RADIO AMATEURS BT

Satellite: AO-10
Catalog number: 14129
Epoch time: 94051.71420822
Element set: 262
Inclination: 027.2097 deg
RA of node: 340.7072 deg
Eccentricity: 0.6035253
Arg of perigee: 156.2883 deg
Mean anomaly: 250.5966 deg
Mean motion: 02.05880368 rev/day
Decay rate: 3.95e-06 rev/day^2

Epoch rev: 8038
Checksum: 299

Satellite: UO-11
Catalog number: 14781
Epoch time: 94044.54889300
Element set: 664
Inclination: 97.7907 deg
RA of node: 65.0254 deg
Eccentricity: 0.0011279
Arg of perigee: 310.7761 deg
Mean anomaly: 49.2455 deg
Mean motion: 14.69144313 rev/day
Decay rate: 3.63e-06 rev/day²
Epoch rev: 53215
Checksum: 306

Satellite: RS-10/11
Catalog number: 18129
Epoch time: 94054.03951801
Element set: 870
Inclination: 082.9206 deg
RA of node: 053.2129 deg
Eccentricity: 0.0011765
Arg of perigee: 346.0336 deg
Mean anomaly: 014.1062 deg
Mean motion: 13.72331508 rev/day
Decay rate: 2.5e-07 rev/day²
Epoch rev: 33425
Checksum: 264

Satellite: A0-13
Catalog number: 19216
Epoch time: 94048.56858325
Element set: 880
Inclination: 057.8103 deg
RA of node: 267.6554 deg
Eccentricity: 0.7205099
Arg of perigee: 335.0990 deg
Mean anomaly: 002.8997 deg
Mean motion: 02.09722235 rev/day
Decay rate: -2.077e-05 rev/day²
Epoch rev: 4350
Checksum: 331

Satellite: F0-20
Catalog number: 20480
Epoch time: 94046.42832899

Element set: 659
Inclination: 99.0216 deg
RA of node: 221.3367 deg
Eccentricity: 0.0539917
Arg of perigee: 255.4010 deg
Mean anomaly: 98.6634 deg
Mean motion: 12.83223845 rev/day
Decay rate: -1.4e-07 rev/day^2
Epoch rev: 18851
Checksum: 320

Satellite: A0-21

Catalog number: 21087
Epoch time: 94053.96716387
Element set: 432
Inclination: 082.9410 deg
RA of node: 227.2228 deg
Eccentricity: 0.0036055
Arg of perigee: 043.1176 deg
Mean anomaly: 317.3312 deg
Mean motion: 13.74533568 rev/day
Decay rate: 4.6e-07 rev/day^2
Epoch rev: 15389
Checksum: 300

Satellite: RS-12/13

Catalog number: 21089
Epoch time: 94044.66379265
Element set: 662
Inclination: 82.9220 deg
RA of node: 103.0678 deg
Eccentricity: 0.0030946
Arg of perigee: 91.8517 deg
Mean anomaly: 268.6203 deg
Mean motion: 13.74034946 rev/day
Decay rate: 4.3e-07 rev/day^2
Epoch rev: 15168
Checksum: 314

Satellite: ARSENE

Catalog number: 22654
Epoch time: 93338.80803910
Element set: 243
Inclination: 1.4104 deg
RA of node: 113.5274 deg
Eccentricity: 0.2936576
Arg of perigee: 161.9838 deg
Mean anomaly: 210.8642 deg

Mean motion: 1.42202044 rev/day
Decay rate: -8.7e-07 rev/day^2
Epoch rev: 299
Checksum: 278

/EX

Date: 25 Feb 94 13:41:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$056.WEATH.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-056.W
Orbital Elements 056.WEATHER

HR AMSAT ORBITAL ELEMENTS FOR WEATHER SATELLITES
FROM WA5QGD FORT WORTH,TX February 25, 1994
BID: \$ORBS-056.W
TO ALL RADIO AMATEURS BT

Satellite: NOAA-9
Catalog number: 15427
Epoch time: 94054.00302709
Element set: 723
Inclination: 099.0635 deg
RA of node: 103.0735 deg
Eccentricity: 0.0015048
Arg of perigee: 181.2398 deg
Mean anomaly: 178.9245 deg
Mean motion: 14.13590789 rev/day
Decay rate: 9.6e-07 rev/day^2
Epoch rev: 47421
Checksum: 311

Satellite: NOAA-10
Catalog number: 16969
Epoch time: 94054.04773810
Element set: 621
Inclination: 098.5080 deg
RA of node: 066.5227 deg
Eccentricity: 0.0013117
Arg of perigee: 304.7185 deg
Mean anomaly: 055.3324 deg
Mean motion: 14.24867071 rev/day
Decay rate: 2.20e-06 rev/day^2
Epoch rev: 38635

Checksum: 293

Satellite: MET-2/17
Catalog number: 18820
Epoch time: 94046.33979358
Element set: 262
Inclination: 82.5401 deg
RA of node: 5.5070 deg
Eccentricity: 0.0016642
Arg of perigee: 157.5160 deg
Mean anomaly: 202.6730 deg
Mean motion: 13.84706663 rev/day
Decay rate: $3.0e-07$ rev/day²
Epoch rev: 30549
Checksum: 289

Satellite: MET-3/2
Catalog number: 19336
Epoch time: 94039.99790931
Element set: 262
Inclination: 82.5380 deg
RA of node: 54.3969 deg
Eccentricity: 0.0015730
Arg of perigee: 222.0779 deg
Mean anomaly: 137.9138 deg
Mean motion: 13.16964807 rev/day
Decay rate: $5.1e-07$ rev/day²
Epoch rev: 26638
Checksum: 335

Satellite: NOAA-11
Catalog number: 19531
Epoch time: 94053.99344407
Element set: 528
Inclination: 099.1598 deg
RA of node: 040.1607 deg
Eccentricity: 0.0012083
Arg of perigee: 093.0795 deg
Mean anomaly: 267.2327 deg
Mean motion: 14.12962203 rev/day
Decay rate: $3.10e-06$ rev/day²
Epoch rev: 27909
Checksum: 303

Satellite: MET-2/18
Catalog number: 19851
Epoch time: 94053.01405594
Element set: 263

Inclination: 082.5171 deg
RA of node: 235.7306 deg
Eccentricity: 0.0014002
Arg of perigee: 188.3029 deg
Mean anomaly: 171.8434 deg
Mean motion: 13.84356715 rev/day
Decay rate: -8.0e-08 rev/day^2
Epoch rev: 25175
Checksum: 295

Satellite: MET-3/3
Catalog number: 20305
Epoch time: 94052.02689974
Element set: 989
Inclination: 082.5516 deg
RA of node: 350.2887 deg
Eccentricity: 0.0006980
Arg of perigee: 212.2401 deg
Mean anomaly: 147.8826 deg
Mean motion: 13.04401818 rev/day
Decay rate: .000000000 rev/day^2
Epoch rev: 20775
Checksum: 292

Satellite: MET-2/19
Catalog number: 20670
Epoch time: 94040.79306496
Element set: 762
Inclination: 82.5504 deg
RA of node: 309.6649 deg
Eccentricity: 0.0016176
Arg of perigee: 139.0978 deg
Mean anomaly: 221.1403 deg
Mean motion: 13.84188455 rev/day
Decay rate: 2.4e-07 rev/day^2
Epoch rev: 18299
Checksum: 328

Satellite: FY-1/2
Catalog number: 20788
Epoch time: 94054.01861085
Element set: 900
Inclination: 098.8401 deg
RA of node: 077.7921 deg
Eccentricity: 0.0014098
Arg of perigee: 329.5916 deg
Mean anomaly: 030.4941 deg
Mean motion: 14.01320674 rev/day

Decay rate: .00000000 rev/day²
Epoch rev: 17771
Checksum: 283

Satellite: MET-2/20
Catalog number: 20826
Epoch time: 94054.04864341
Element set: 770
Inclination: 082.5221 deg
RA of node: 236.7821 deg
Eccentricity: 0.0013725
Arg of perigee: 010.4814 deg
Mean anomaly: 349.7177 deg
Mean motion: 13.83573158 rev/day
Decay rate: 6.9e-07 rev/day²
Epoch rev: 17197
Checksum: 306

Satellite: MET-3/4
Catalog number: 21232
Epoch time: 94044.59202931
Element set: 670
Inclination: 82.5391 deg
RA of node: 256.9674 deg
Eccentricity: 0.0013673
Arg of perigee: 130.9218 deg
Mean anomaly: 229.3059 deg
Mean motion: 13.16460015 rev/day
Decay rate: 5.1e-07 rev/day²
Epoch rev: 13509
Checksum: 285

Satellite: NOAA-12
Catalog number: 21263
Epoch time: 94054.09638815
Element set: 933
Inclination: 098.6271 deg
RA of node: 084.3280 deg
Eccentricity: 0.0012752
Arg of perigee: 206.9837 deg
Mean anomaly: 153.1243 deg
Mean motion: 14.22371048 rev/day
Decay rate: 1.95e-06 rev/day²
Epoch rev: 14431
Checksum: 293

Satellite: MET-3/5
Catalog number: 21655

Epoch time: 94053.93518236
Element set: 675
Inclination: 082.5545 deg
RA of node: 197.4162 deg
Eccentricity: 0.0014020
Arg of perigee: 122.7542 deg
Mean anomaly: 237.5449 deg
Mean motion: 13.16822729 rev/day
Decay rate: -4.48e-06 rev/day^2
Epoch rev: 12142
Checksum: 304

Satellite: MET-2/21
Catalog number: 22782
Epoch time: 94054.05930183
Element set: 270
Inclination: 082.5499 deg
RA of node: 296.8811 deg
Eccentricity: 0.0022218
Arg of perigee: 184.0206 deg
Mean anomaly: 176.1276 deg
Mean motion: 13.83000854 rev/day
Decay rate: 3.8e-07 rev/day^2
Epoch rev: 02431
Checksum: 288

/EX

Date: 25 Feb 94 19:35:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: TR-9000
To: info-hams@ucsd.edu

Tnx Dave for your reply
Yes the rig works okdoki in both FM & CW 10w out
But only the xmit led lights in ssb no power out when i scream into the mike
If you have a book I would gladly pay for copy adr in C.B.
agn tnx 73 KB3TS

Date: Thu, 24 Feb 1994 13:33:49 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!ub!
newserve!sarah!rpi!psinntp!psinntp!gdstech!gdstech!bat@network.ucsd.edu
Subject: Travelling to Egypt
To: info-hams@ucsd.edu

When John, WB6??? went to Egypt in 1989, he applied for an Egyptian Ham license. After a year of delays, and paying numerous 'fees', he was handed a real license, with call SU1EK. Many of us worked him on DX nets then. But, it took a whole year! And, several years later, PTT authorities there declared he had been operating illegally, although he was on the air regularly from Cairo for over 6 months. Try finding his call in official listings today. It's all very 'controlled' by certain people.

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*-----*
*   Pat Masterson   D12-25   | KE2LJ@KC2FD           *
*   Grumman Data Systems | 516-346-6316.       *
*   Bethpage, NY 11746   | bat@gdstech.grumman.com  *
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End of Info-Hams Digest V94 #207
